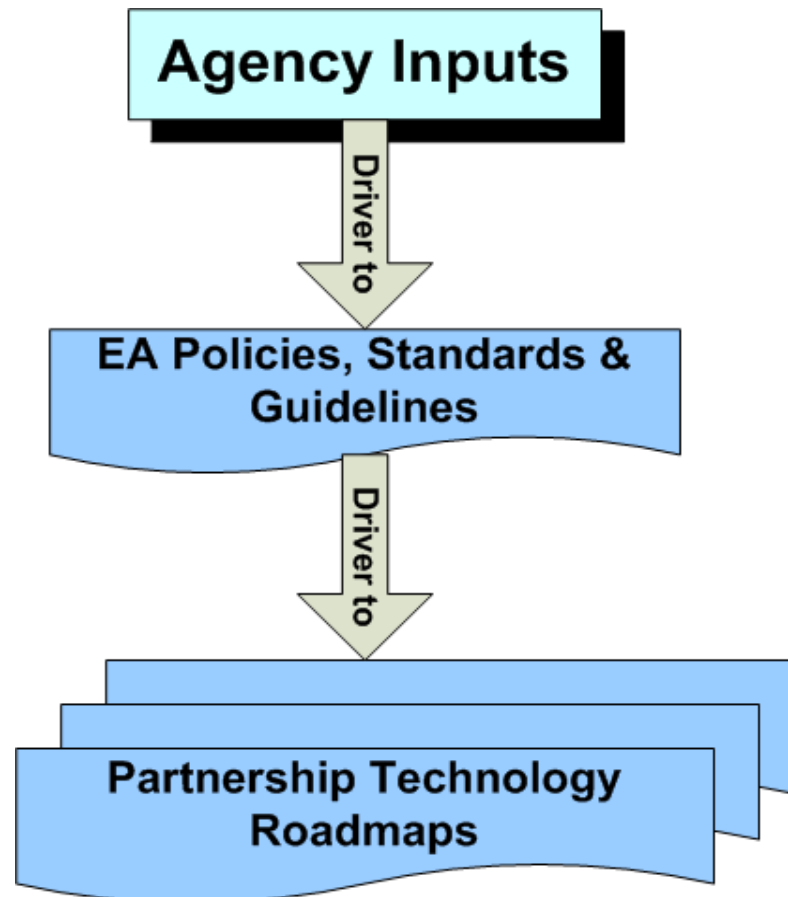# Enterprise Architecture
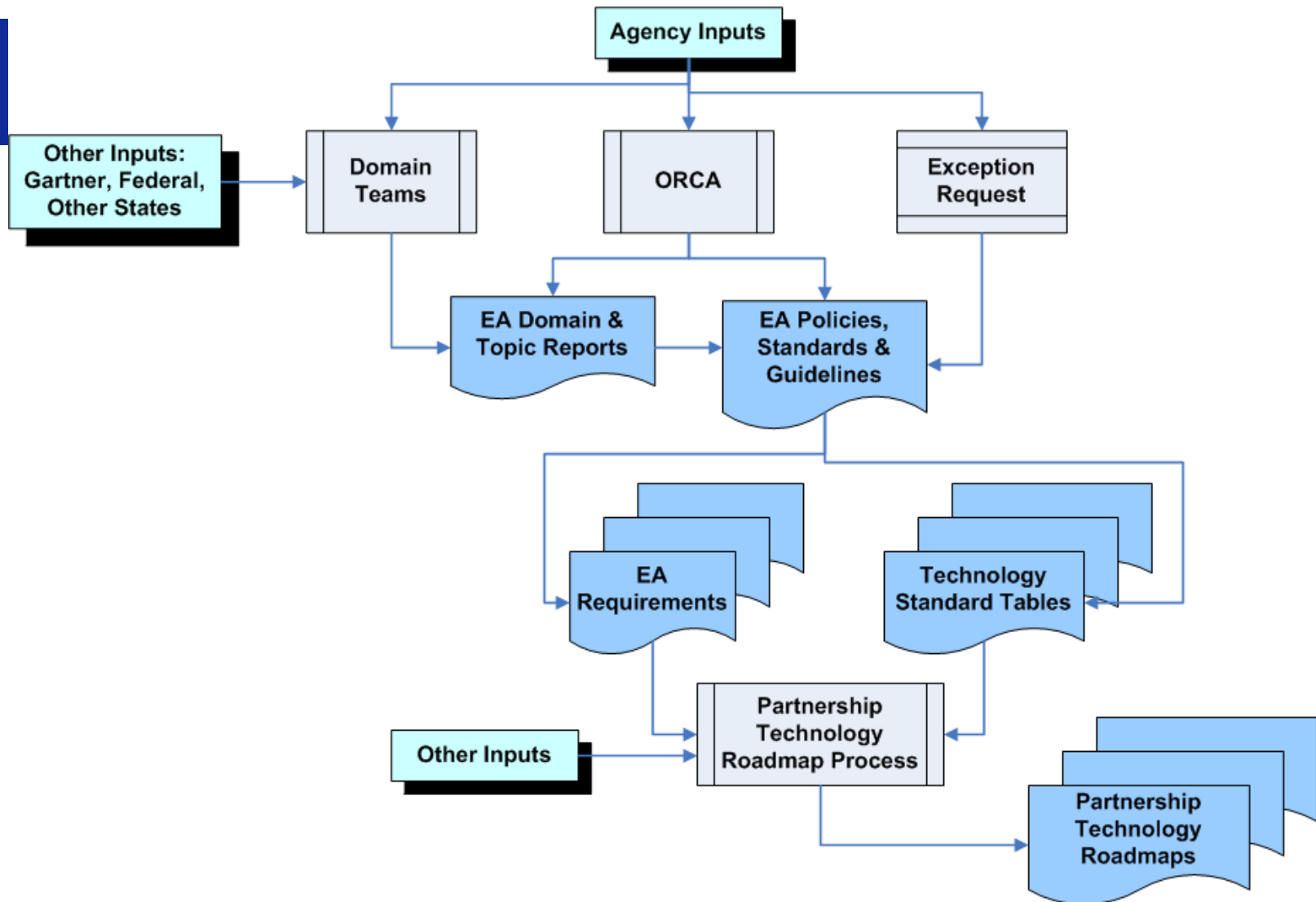
## Driver to Partnerships Technology Roadmaps
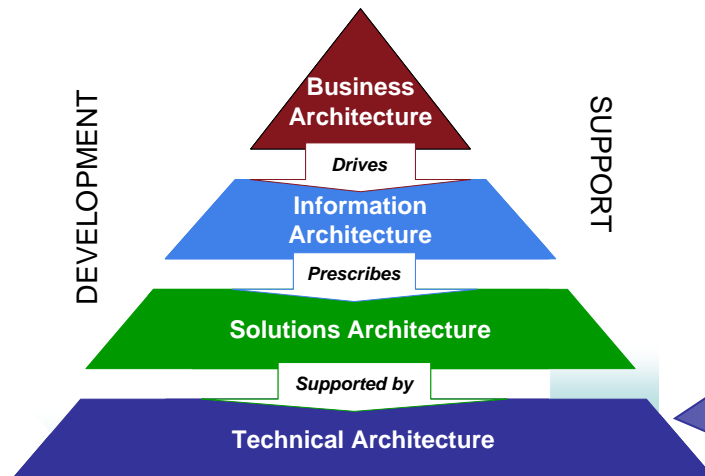
## Agency Input Driver to EA
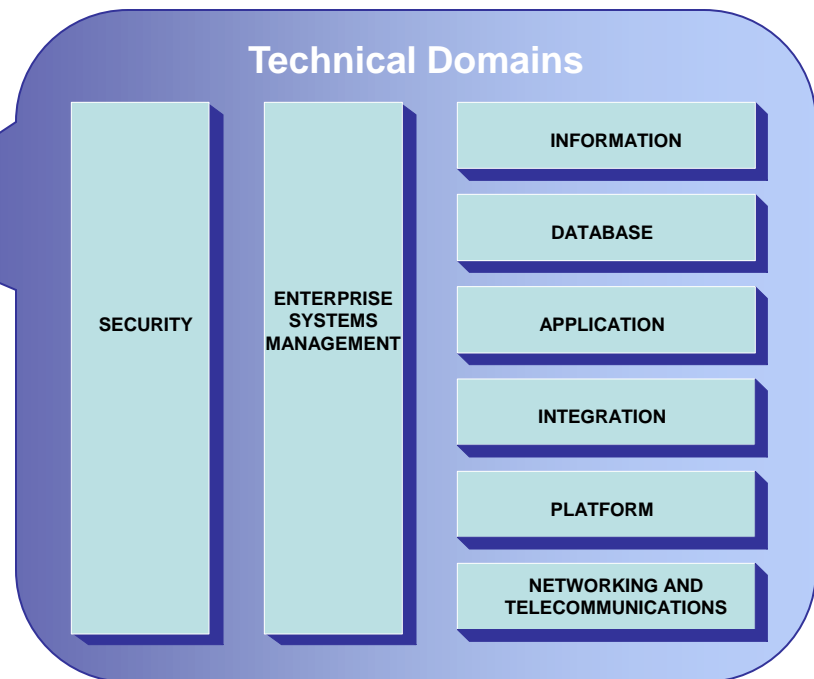
**July 13, 2010**

# Simple View

3

# Enterprise Architecture



**Enterprise Architecture Model**

*The Enterprise Technical Architecture (ETA) consists of eight technical domains that provide direction, recommendations, and requirements for supporting the Enterprise Solutions Architecture and for implementing the ETA.*

**Enterprise Technical Architecture**

**Technical Domains**

SECURITY

ENTERPRISE SYSTEMS MANAGEMENT

INFORMATION

DATABASE

APPLICATION

INTEGRATION

PLATFORM

NETWORKING AND TELECOMMUNICATIONS

# EA Documents & Related Processes

- ITRM Policies, Standard, Guidelines
  - Process defined in Standard on Development and Governance of Policies, Standards & Guidelines

- EA Reports

- Data Standards
  - Data Standardization Process

- Exception process defined in EA Policy

# EA Documents: PSGs

- Policy - Provides general statements of purpose, direction and required activities for one or more defined areas of the ITRM framework

- Standard - Provides required technical or programmatic activities in detail for a specific area of the ITRM framework

- Guidelines - Provides information on optional activities related to an area of control for the Commonwealth's information technology resource management program. Activities in guidelines are considered to be best practices but are not required.

# EA Reports

- Provides an all encompassing discussion of an Enterprise Architecture domain or topic including principles, recommended practices, requirements, standards, rationale and implications.  Any requirements, standards or recommended practices presented within a report must be implemented by an ITRM Standard or Guideline.

# EA Reports: Direction

- Requirements
- Recommended Practices
- Technology Standard Tables

- All of the above is summarized in EA Checklist
- All requirements & standards appear in single EA Standard

# EA Requirements: Example

**PLA-R-37: Supported Server Operating Systems –** The release version levels of all server operating systems shall have vendor or equivalent level support. This support shall include security update and hotfix support. The use of unsupported open source server operating systems shall be avoided.

# EA Technology Component Standard Tables

- Indicate what technologies or products that may be acquired/deployed at a particular point in time.

- Standard Tables Classifications
  - Strategic
  - Emerging
  - Transitional/Contained
  - Obsolescent/Rejected

# Table PLA-S-01: PC Operating Systems

**Strategic:**

Windows XP Pro (with tested Service Packs)

Note: Windows 7 may be tested immediately in its release code or RC version and will be moved to strategic as soon as adequate evidence exists

Macintosh OS X v10.x

# PSG & Report Process

- Identify and define needed effort/priority
- Establish stakeholder team
- Research and develop draft
- Internal reviews
- Post to ORCA for stakeholder review
- Address every comment
- Finalize and obtain CIO/SoTech approval
- Publish

# On-line Review & Comment Application (ORCA)

- All AITRS and other stakeholders notified by email that document has been posted

- Most documents posted for 30 days

- Open to all stakeholders (including the public)

- Everyone who comments is contacted with a response

- Special 15 day comment period for administrative changes only (example: ITIB)

# EA Future Directions

- Decouple Technology Standard tables from EA reports
- Fill in EA by publishing initial (all high-level):
  – EA Report
  – ESA Report
  – ETA Report (summary)

# Agency Involvement

- Domain team members
- Data Owners/Stewards
- ORCA commenting
- EA exceptions request
- Can request research or update
- Welcome opportunities to work with CIO council (Review of Technology Standard Tables)

# Questions